

Combined Declaration For Patent Application and Power of Attorney

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **APPARATUS AND METHODS FOR OPTICAL AMPLIFICATION IN SEMICONDUCTORS**, the specification of which

(check one) is attached hereto:

was filed on _____ as Application Serial No. _____ and was amended on _____. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119, 365 or 371 of any foreign patent or application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

IL2004/001027 PCT

(number) (Country)

10 Nov 2004

(Day, Month, Year Filed)

Priority Claimed

Yes No

(number) (Country)

(Day, Month, Year Filed)

Yes No

(number) (Country)

(Day, Month, Year Filed)

Yes No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| | | |
|--------------------------|--------------------|--------------------------------|
| <u>60/518,341</u> | <u>10 Nov 2003</u> | Status |
| (Application Serial No.) | (Filing Date) | (patented, pending, abandoned) |
| <u>60/606,468</u> | <u>2 Sep 2004</u> | Status |
| (Application Serial No.) | (Filing Date) | (patented, pending, abandoned) |

I hereby appoint the following attorneys, with full power of substitution, association, and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Mark M. Friedman Registration No. 33,883

Address all Correspondence to:

DR. MARK FRIEDMAN LTD.
C/o Bill Polkinghorn
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Fax 001-3019529023

Attorney Docket: 27/281
page 2 of 2

Continuation of Combined Declaration For Patent Application and Power of Attorney

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statement may jeopardize the validity of the application of any patent issued thereon.

| | | |
|---|---|---------------------|
| *FULL NAME OF SOLE OR FIRST INVENTOR SHLOMO RUSCHIN | INVENTOR'S SIGNATURE <i>S. Ruschin</i> | DATE 5. 10. 2006 |
| RESIDENCE 44 A.D. GORDON ST., HERZLIYA 46433, ISRAEL | CITIZENSHIP ISRAELI | |
| POST OFFICE ADDRESS 44 A.D. GORDON ST., HERZLIYA 46433, ISRAEL | | |

| | | |
|---|------------------------|------|
| *FULL NAME OF SECOND INVENTOR STANISLAV STEPANOV | INVENTOR'S SIGNATURE | DATE |
| RESIDENCE 34/24 EINSTEIN ST., TEL AVIV 69101, ISRAEL | CITIZENSHIP ISRAELI | |
| POST OFFICE ADDRESS 34/24 EINSTEIN ST., TEL AVIV 69101, ISRAEL | | |

| | | |
|------------------------------|----------------------|------|
| *FULL NAME OF THIRD INVENTOR | INVENTOR'S SIGNATURE | DATE |
| RESIDENCE | CITIZENSHIP | |
| POST OFFICE ADDRESS | ISRAELI | |

| | | |
|-------------------------------|----------------------|------|
| *FULL NAME OF FOURTH INVENTOR | INVENTOR'S SIGNATURE | DATE |
| RESIDENCE | CITIZENSHIP | |
| POST OFFICE ADDRESS | ISRAELI | |

| | | |
|------------------------------|----------------------|------|
| *FULL NAME OF FIFTH INVENTOR | INVENTOR'S SIGNATURE | DATE |
| RESIDENCE | CITIZENSHIP | |
| POST OFFICE ADDRESS | ISRAELI | |

| | | |
|------------------------------|----------------------|------|
| *FULL NAME OF SIXTH INVENTOR | INVENTOR'S SIGNATURE | DATE |
| RESIDENCE | CITIZENSHIP | |
| POST OFFICE ADDRESS | ISRAELI | |

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| Prior Foreign Application(s) | | Priority Claimed | |
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| <u>IL2004/001027</u> | <u>PCT</u> | <u>10 Nov 2004</u> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| (number) | (Country) | (Day, Month, Year Filed) | Yes No |
| _____ | _____ | _____ | <input type="checkbox"/> <input type="checkbox"/> |
| _____ | _____ | _____ | <input type="checkbox"/> <input type="checkbox"/> |
| _____ | _____ | _____ | <input type="checkbox"/> <input type="checkbox"/> |

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| POST OFFICE ADDRESS 44 A.D. GORDON ST., HERZLIYA 46433, ISRAEL | | |
| *FULL NAME OF SECOND INVENTOR STANISLAV STEPANOV | INVENTOR'S SIGNATURE <i>Clotz</i> | DATE 10.04.2008 |
| RESIDENCE 34/24 EINSTEIN ST., TEL AVIV 69101, ISRAEL | CITIZENSHIP ISRAELI | |
| POST OFFICE ADDRESS 34/24 EINSTEIN ST., TEL AVIV 69101, ISRAEL | | |
| *FULL NAME OF THIRD INVENTOR | INVENTOR'S SIGNATURE | DATE |
| RESIDENCE | CITIZENSHIP | |
| POST OFFICE ADDRESS | ISRAELI | |
| *FULL NAME OF FOURTH INVENTOR | INVENTOR'S SIGNATURE | DATE |
| RESIDENCE | CITIZENSHIP | |
| POST OFFICE ADDRESS | ISRAELI | |
| *FULL NAME OF FIFTH INVENTOR | INVENTOR'S SIGNATURE | DATE |
| RESIDENCE | CITIZENSHIP | |
| POST OFFICE ADDRESS | ISRAELI | |
| *FULL NAME OF SIXTH INVENTOR | INVENTOR'S SIGNATURE | DATE |
| RESIDENCE | CITIZENSHIP | |
| POST OFFICE ADDRESS | ISRAELI | |

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